

Cognitively Guided Instruction (CGI)

Cognitively Guided Instruction (CGI) Teacher Development Academy is for primary level elementary school teams that include teachers and principals. CGI is a teacher professional development program based on over 20 years of research by Thomas Carpenter, Megan Franke, Linda Levi, Susan Empson and Victoria Jacobs. In CGI professional development, elementary school teachers learn a framework for how children learn the concepts of number, operations and algebra. Teachers work to integrate this framework with their mathematics instruction. CGI is not a curriculum. The knowledge teachers gain in a CGI workshop enhances how they implement any curriculum. CGI teachers understand how their children think about mathematics and how children in general understand mathematics. CGI teachers know how to use what their children currently understand to plan instructional activities for these students. CGI teachers also understand what children need to learn about mathematics in elementary school so they will have a firm foundation upon which they can learn further mathematics.

2006-07 Training Dates

Participating Agencies

2005-06

Clarke CSD, Clarke Elementary School
Des Moines Ind. CSD, Jefferson Elementary School, Park Avenue Elementary School
Dubuque CSD, Bryant Elementary School
East Marshall CSD, East Marshall Elementary School, East Marshall Middle School, East Marshall Primary School
Orient-Macksburg CSD, Orient-Macksburg Elementary School
Waterloo CSD, McKinstry Elementary School, Lou Henry Elementary School
Waukee CSD, Eason Elementary School, Walnut Hills Elementary School, Waukee Elementary School

2006-07

Year One

Council Bluffs CSD, Walnut Grove Elementary School
Des Moines Ind. CSD, Downtown Elementary School, Jefferson Elementary School
Estherville Lincoln Central CSD, McKinley Elementary School
Hampton-Dumont CSD, Hampton-Dumont Elementary School
Humboldt CSD, Humboldt Elementary School
Nevada CSD, Nevada Elementary School
Storm Lake CSD, East Elementary School, North Elementary School, South Elementary School
Waukee CSD, Brookview Elementary School, Waukee Elementary School

Year Two

Des Moines CSD, Jefferson Elementary School, Park Avenue Elementary School
Dubuque CSD, Bryant Elementary School
East Marshall CSD, East Marshall Elementary School, East Marshall Middle School, East Marshall Primary School
Orient-Macksburg CSD, Orient-Macksburg Elementary School
Waterloo CSD, McKinstry Elementary School, Lou Henry Elementary School

Waukee CSD, Eason Elementary School, Walnut Hills Elementary School, Waukee Elementary School

Advanced

Des Moines Ind. CSD, Jefferson Elementary School, Park Avenue Elementary School
Waukee CSD, Eason Elementary School, Walnut Hills Elementary School, Waukee Elementary School